PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets for the narrative.

Checklist Preparer: __Ross Brittain / Senior Environmental Manager_____ (Name/Title) __4/19/2012_____ (Date)

_100 North Senate Avenue, Indianapolis, IN 46204_____ (Address) _317-234-0345_____ (Phone)

rbrittain@idem.in.gov_____ (E-Mail Address)

Site Name: _Hammond Lead Products_____

Previous Names (if any): _____ _____

Site Location: _5231 Hohman Avenue_____ (Street)

Hammond_____Lake_____ , _IN_____46320_ - _____ (City) (County) (ST) (Zip)

___1_ (Congressional District)

Latitude: __41º 37' 05.423" (North)_____ **Longitude:** _____-87º 31' 17.085" (West)_____

With regards to the Latitude and Longitude, please provide the following information: Accuracy in Meters +/-, Collection Method, Reference Datum, Reference Point, Source Map Scale, Point/Line/Area; Collection Date; Verification Method (see attached):

Complete the following checklist. If "yes" is marked, please explain below.	**YES**	**NO**
1. Does the site already appear in CERCLIS?	☐	☑
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	☐	☑
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	☐	☑
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	☐	☑
5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	☐	☑
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	☐	☑
7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	☐	☑
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)?	☐	☑
9. Is there documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	☐	☑
10. Is there an apparent release at the site with no documentation of exposed targets, but there are targets on-site or immediately adjacent to the site or nearby (within 1 mile)?	☐	☑
11. Are there no releases or potential to release?	☐	☑

Please explain all "yes" answer(s), attach additional sheets or refer to narrative:

Site Determination: ☐ Enter the site into CERCLIS. Further assessment is recommended (explain below).

☑ The site is not recommended for placement into CERCLIS (explain below).

DECISION/DISCUSSION/RATIONALE:

In April of 2001, the American Journal of Public Health published an article (*Discovering unrecognized lead-smelting sites by historical methods*. Vol. 91, No. 4, pp. 625-627) naming 430 former lead-smelting sites that were unrecognized in the U.S., 14 of which were in Indiana. EPA directed each state to investigate the potential health and environmental risks associated with these smelting locations. In 2002, IDEM staff investigated the Hammond Lead Products site listed in the report at 5231 Hohman Avenue, Hammond, Lake County, Indiana, but only found an office (The Calumet Building) at this address. IDEM's Memorandum of Decision dated July 3, 2002, states "the building appears to be at least several decades old and not likely the location of lead smelting activities."

On March 31, 2011, IDEM was contacted by a representative of the USA Today newspaper who was conducting a follow up investigation on the sites listed in the 2001 article to determine if they had been assessed or remediated. As part of a review of the decision processes for the 14 historic lead smelter sites instigated by the USA Today investigation, IDEM decided to attempt to verify that no smelting activities had occurred at the 5231 Hohman Avenue facility.

The Hammond Lead Products website (www.hammondleadproducts.com) provides a history of the company, and states that it was originally founded in 1920 as Metals Refining Company with one of the largest secondary smelters in the country. In 1930 Hammond Lead Products separated from Metals Refining Company to focus on lead oxide manufacturing. The website also listed the address for Hammond Lead Products as 2308 165th Street, Hammond, IN. The 1958 Hammond City Directory had Hammond Lead Products listed at two addresses, 5231 Hohman Avenue and 2308 165th Street (page 256). This same directory listed 5231 Hohman as the site for the Calumet Building (page 173), which has at least 141 offices, and that Hammond Lead Products used room 514 for storage and rooms 523-528 for undesignated purposes (page 174). Additionally, the 1961 Hammond phonebook has an advertisement for Hammond Lead Products with both of the above addresses, and lists the "plant" location as 2308 165th Street but does not designate the purpose of the 5231Hohman Avenue location. On January 20, 2012, IDEM staff talked to the Environmental Manager of Hammond Group (the reformed Hammond Lead Products entity), who informed IDEM that the Hohman location was only ever used for office purposes. He also told IDEM that Hammond Group moved those offices to 1414 Field Street approximately 20 years ago, and assured IDEM that neither the Hohman nor the 165th Street facilities were used for secondary lead smelting. The General Manager also added that the 165th Street plant was only ever used to manufacture lead oxides and all lead waste was recycled at smelters located in other states. Thus, the 5231 Hohman Avenue location is not a potential source of lead released to the environment.

Metals Refining Company, located at 1723 Summer Street in Hammond, was investigated by IDEM's Site Investigation Section and the Memorandum of Decision for this site, dated January 29, 2010, stated it "was not a major contributor to high levels of lead that may be found in this area of Hammond, Indiana." Contamination at Metals Refining Company was not severe enough to warrant Superfund action, but the site is now being addressed by IDEM's State Cleanup Program. IDEM also assessed the Hammond Lead Products plant at 2308 165th Street under a Site Inspection in 1991 and found that an impoundment that previously held lead silicate had been covered over with asphalt and no longer posed any threat to the environment or human health.

The 5231 Hohman Avenue site for Hammond Lead Products is not valid to be entered into CERCLIS because no lead smelting activities ever took place at this address. The 2308 165th Street site for Hammond Lead Products has already been addressed in a past investigation, and the Metals Refining Company site at 1723 summer Street is currently in IDEM's State Cleanup Program. Thus, neither the 165th Street nor 1723 Summer Street addresses are valid to be entered into CERCLIS.

EPA Regional Review and Site Assessment Decision

Check the box(es) that apply:

☑ **Not a Valid Site or Incident**

☐ **Incident for Further Action Under CERCLA**

Recommended Further Action:

☐ **APA**

☐ **Full PA**

☐ **Combined PA/SI**

☐ **SI**

Defer/Refer to:

☐ **Removal Program**

☐ **State/Tribal Program**

☐ **RCRA**

☐ **Brownfields**

☐ **Other:** _____

Regional EPA Reviewer: _____ 12/05/12
Print Name/Signature — Date

State Agency/Tribe: Ross Brittain / _____ 4/19/2012
Print Name/Signature — Date

Latitude and Longitude Information for Hammond Lead Products

Latitude: 41°37'05.423" (North)
Longitude: -87°31'17.085"(West)

- **Accuracy in Meters +/-:**
  - 1.52400meters (5') accuracy for 2005 Color Orthophotos @ 12" resolution
  - 0.76200meters (2.5') accuracy for 2005 Color Orthophotos @ 6" resolution

The statewide base product for 2005 Digital Orthophotography was 1-foot resolution imagery (5' or better accuracy). Thirteen Indiana counties exercised the option to purchase 6-inch resolution imagery (2.5' or better accuracy). Those counties were: Dubois, Elkhart, Floyd, Hamilton, Kosciusko, Lake, LaPorte, Marion, Monroe, Perry, Steuben, Tippecanoe, Vanderburgh.

Digital Orthophotography Layer Properties:

- Title: 2005 Color Orthophotos @ 6" and 12" resolution
- Geographic Region: Indiana
- Pixel Source: Aerial Photography
- Publisher: Indiana Department of Homeland Security
- Name: OrthosFullRes2005

- **Collection Method:**
- Using GIS software, ESRI® ArcMap™ 10.0 (Build 3200) with License Type: ArcView, coordinates for the approximate center of the site were selected. The GIS layer for the 2005 Digital Orthophotography is stored on the State of Indiana Geographic Information Officer's Spatial Database Engine (SDE) data library. The Identify command was used in ArcMap software to identify and capture the Latitude and Longitude (in degrees, minutes, seconds) coordinates of the approximate center of the site.

- **Reference Datum:**
  - Datum: D_North_American_1983
  - Geographic Coordinate System: GCS_North_American_1983
  - Prime Meridian: Greenwich
  - Angular Unit: Degree

- **Reference Point:**
  - The center of site is approximately 138' southeast of the intersection of Hohman Ave and Rimbach Street, Hammond, Indiana.

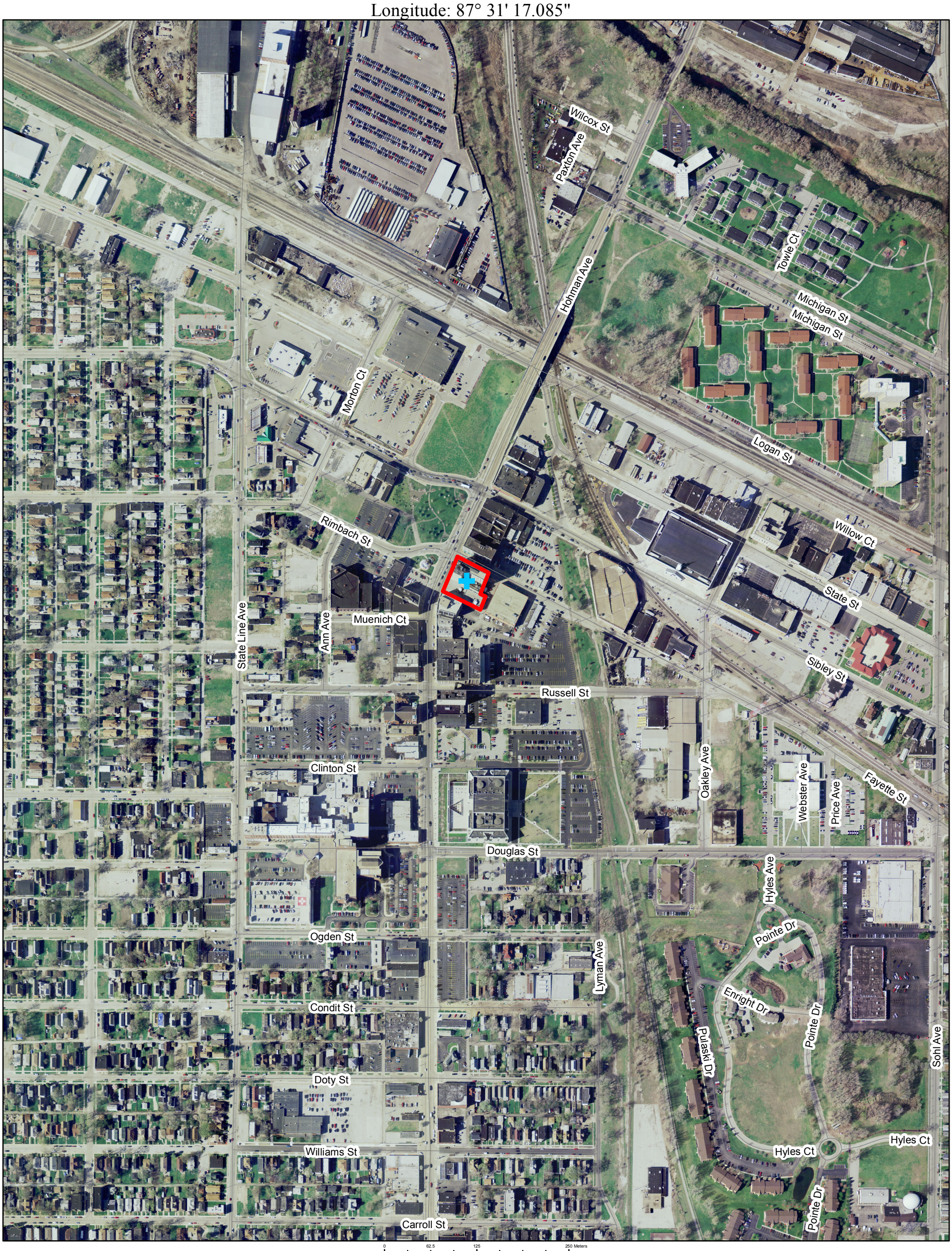
- **Source Map Scale:**
  - 1:1,000

- **Point / Line / Area:**
  - Point

- **Collection Date:**
  - 04-18-2012

- **Verification Method:**
  - Map Interpretation

Site Location Map
Hammond Lead Products
Hohman Avenue, Hammond, Lake County, Indiana
Latitude: 41° 37' 5.423"
Longitude: 87° 31' 17.085"



This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Mapped By:
Shane Moore, Office of Land Quality
Date:04/18/2012

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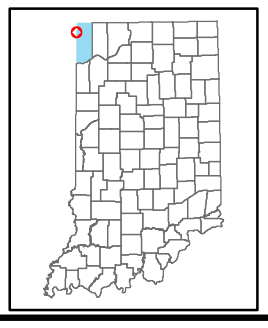
Sources:
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library
Orthophotography - Obtained from Indiana Map Framework Data (www.indianamap.org)
Map Projection: UTM Zone 16 N **Map Datum:** NAD83



Lake County

IDEM

Hammond Lead Products
Hammond Lead Prod. Boundary